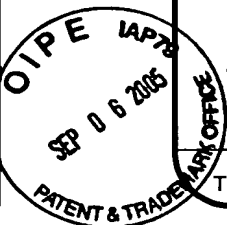


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## TRANSMITTAL FORM

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Total number of pages in this submission

Application Number

09/934,320

Filing Date

August 21, 2001

First Named Inventor

Craig S. Calvert

Group Art Unit

2128

Examiner Name

Akash Saxena

Attorney Docket Number

PM 99.061

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) ____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Brent R. Knight ExxonMobil Upstream Research Company
Signature	
Date	2 September 2005

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Calvert et al.  
Filed: August 21, 2001

Serial No.: 09/934,320

Title: METHOD FOR CONSTRUCTING 3-D  
GEOLOGIC MODELS BY COMBINING  
MULTIPLE FREQUENCY PASSBANDS

§ Examiner:  
§ Saxena, Akashi  
§ Art Unit: 2128  
§  
§ Attorney Docket No.: PM99.061  
§  
§ Confirmation No.: 7470  
§  
§

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INTERVIEW SUMMARY AND RESPONSE TO OFFICIAL ACTION**

This communication is in response to the Official Action mailed June 2, 2005, with respect to the above-identified patent application. Applicants respectfully request reconsideration of the present application in view of the arguments and amendments presented below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.